

INTEGRATED BONE CEMENT MIXING AND DISPENSING SYSTEM**Publication number:** EP0938368**Publication date:** 1999-09-01**Inventor:** BARKER DONALD (US); SEATON JAMES P (US)**Applicant:** BARKER DONALD (US); SEATON JAMES P (US)**Classification:**




- international: **A61F2/46; B01F7/00; B01F13/00; B01F15/00;**
B01F15/02; A61B19/02; A61F2/00; B01F3/12;
A61F2/46; B01F7/00; B01F13/00; B01F15/00;
B01F15/02; A61B19/00; A61F2/00; B01F3/12; (IPC1-7):
B01F15/02; A61B5/00

- European: B01F7/00B16D; A61F2/46C2; A61F2/46C4;
B01F7/00B16B5; B01F13/00K2; B01F13/00K6;
B01F15/00J4G2; B01F15/00L; B01F15/02;
B01F15/02C2B; B01F15/02C3

Application number: EP19970946638 19971107**Priority number(s):** WO1997US20536 19971107; US19960752003
19961115**Also published as:**

 WO9820963 (A1)
 US5961211 (A1)
 US5876116 (A1)
 EP0938368 (A0)
 EP0938368 (B1)

Cited documents:

 US5415474
 FR2690332
 EP0445951

[Report a data error here](#)

Abstract not available for EP0938368

Abstract of corresponding document: **US5876116**

By providing a single housing comprising a mixing chamber integrally combined with a delivery chamber or tube, a unitary, fully integrated, bone cement mixing and dispensing system is attained which eliminates user exposure or handling of the mixed bone cement. In the present invention, the two chambers of the integrated system of the present invention are movable between two alternate positions, a first position wherein each chamber is sealed from the other, and a second position wherein the two chambers are in direct communication with each other. In this way, the mixing chamber is operated independently of the delivery chamber for preparing the bone cement and, once prepared, easily transferred from the mixing chamber through the delivery chamber for immediate use.

.....
Data supplied from the **esp@cenet** database - Worldwide